

Notice of Allowability	Application No.	Applicant(s)	
	09/894,281	ABBOTT ET AL	
	Examiner	Art Unit	
	Tadesse Hailu	2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/23/05.
2. ☒ The allowed claim(s) is/are 66-91, 93-106, 108-115, 117, 119-133 and 135-209.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>6/13/05 12 22 05</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|--|---|

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with James White on December 20, 2005.

The application has been amended as follows:

in **claim 111**,

line 5, please replace "capable of receiving" with – configured to receive—

line 7, please replace "capable of determining" with –configured to determine—

line 10, please replace "of gathering" with –configured to gather—

in **claim 132**,

line 5, please replace "capable of receiving" with –configured to receive—

line 8-9, please replace "capable of repeatedly modeling" with –configured to repeatedly model--

in **claim 164**,

line 4, please replace "capable of receiving" with –configured to receive--

line 6, please replace "capable of determining" with –configured to determine—

line 9, please replace "of gathering" with –configured to gather—

line 12-13, please replace "capable of determining" with –configured to determine—

line 15, please replace "of obtaining" with –configured to obtain--
and in **claim 202**,

line 5, please replace "capable of receiving" with – configured to receive—

line 8, please replace "capable of determining" with –configured to determine—

lines 9-10, please replace "of identifying" with –configured to identify--

EXAMINER'S STATEMENT OF REASONS FOR ALLOWANCE

3. The following is an examiner's statement of reasons for allowance:

The prior art of records fail to teach at least *"repeatedly modeling a changing current state of the predefined group, by gathering current state information for each of the determined group members from the identified characterization system for that group member, the gathered current state information related to the current state aspect represented by the indicated one state attribute; and in response to the gathering, generating a current value for the indicated one attribute based on the gathered state information to model an aspect of the current state of the predefined group; and providing an indication of one or more of the generated current values of the indicated one state attribute so as to provide information about the modeled current state of the group."*, as recited in independent claim 66.

The prior art of records fail to teach at least *"determining multiple characterization modules that each have access to aspects of state information for at least one of the members of the group such that the aspects are related to the indicated one attribute; gathering current information about the aspects of the state information that are related to the indicated one attribute from the determined characterization modules; and in*

response to the gathering, generating a current value for the indicated one attribute based on the gathered current information to represent the current state of the group for the modeled first aspect, so that additional action may be dynamically taken in response to the current state of the group.”, as recited in independent claim 79. Independent claims 138 and 154 are method and computer-readable claims, respectively, and are substantially similar to that of claim 79.

The prior art of records fail to teach at least “*determining whether the information gathered from one of the determined characterization modules satisfies a criteria; and when it is determined that the gathered information does not satisfy the criteria, obtaining additional information from the one determined characterization module that satisfies the criteria and replacing the gathered information from the one determined characterization module with the obtained additional information.*” as recited in independent claim 94.

The prior art of records fail to teach at least “*determining multiple modules that each have access to aspects of state information for a member of the group such that the aspects are related to the indicated one attribute; gathering current information about the aspects of the state information that are related to the indicated one attribute from the determined modules’, and providing the gathered current information to a client so that a current value for the indicated one attribute can be generated based on the gathered information to reflect the current state of the group for the modeled first aspect.*”, as recited in independent claim 108.

The prior art of records fail to teach at least *"means for determining multiple characterization modules that each have access to aspects of state information for at least one of the members of the group such that the aspects are related to the indicated one attribute; and means for gathering current information about the aspects of the state information that are related to the indicated one attribute from the determined characterization modules so that a current value for the indicated one attribute can be generated based on the gathered information to reflect the current state of the group for the modeled first aspect."*, as recited in independent claim 111. Independent claim 114 is a means plus function claim that is substantially similar to that of claim 111. Independent claims 132, 164 and 202 are also substantially similar to that of claim 111.

The prior art of records fail to teach at least *"repeatedly modeling a current shared context of the predefined group, by gathering from the identified modules current context information for the users that is related to the represented characteristic; in response to the gathering, generating a current value for the one context attribute based on the gathered current context information to represent the current shared context of the group for the represented characteristic; and providing the generated current value, so that additional action may be dynamically taken in response to the current shared context of the group."*, as recited in independent claim 115. Independent claims 131 and 194 are computer-readable claim that is substantially similar to that of claim 115.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

CONCLUSION

4. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Tadesse Hailu, whose telephone number is (571) 272-4051. The Examiner can normally be reached on M-F from 10:30 – 7:00 ET. If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, John Cabeca, can be reached at (571) 272-4048 Art Unit 2173.

5. An inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Examiner Tadesse Hailu
Art Unit 2173
12/28/05

A handwritten signature in black ink, appearing to read "Tadesse Hailu", with a long horizontal flourish extending to the right.